

#### 108.4 - Moisture in Oils and Alcohols (liquid form)

SRM 2890, Water Saturated 1-Octanol, is certified for water content and is intended for use in calibrating instruments and validating the accuracy of analytical methods. Water concentration values, for RMs 8506a to 8510 are not certified, but represent the "best estimate" of the moisture content determined by NIST, and are intended for use in developing and validating methods for the determination of moisture in oil and similar matrices.

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	2721	2722	2890	8506a	8507	8509	8510
Description	Crude Oil (Light -Sour)	Crude Oil (Heavy Sweet)	Water Saturated 1-Octanol	Moisture in Transformer Oil	Moisture in Mineral Oil, 76.8 mg/kg	Moisture in Methanol, 93 mg/kg	Moisture in Methanol, 325 mg/kg
Unit of Issue	(5X10 mL)	(5X10 mL)	(5 x 2 mL)	(5x9.5mL)	(set (5))	(set (5))	(set (5))
Water Concentration	134 mg/kg	99 mg/kg	47.3 mg/g	34.5 mg/kg (Volumetric) 22.5 mg/kg (Coulometric)	76.8 mg/kg	93 mg/kg	325 mg/kg